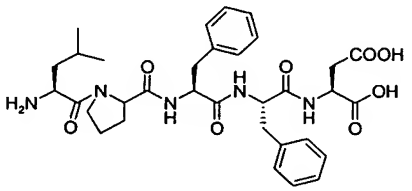
IN THE SPECIFICATION

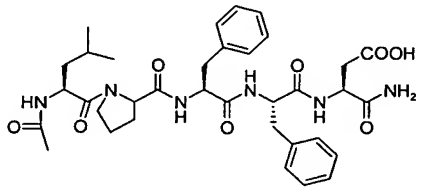
Please amend the paragraph beginning at page 2, line 18, as follows:

One approach to the treatment and prevention of disorders associated with protein misfolding and aggregation has been to develop short peptides having some sequence homology to the natural protein sequence believed to be involved in amyloid formation, but also having one or more amino acids that disfavour or destabilize the formation of β-pleated sheet conformations. The peptides prevent the aggregation of β-amyloid, and thereby prevent its cytotoxic effects. This approach has been suggested in Alzheimer's disease and in prion-related disorders (WO 96/39834, New York University and WO 01/34631, Aronyx, Inc.) leading to the development or the β-sheet breaking peptides shown below, amongst others:



WO 96/39834 (New York University)

(SEQ ID NO: 18)

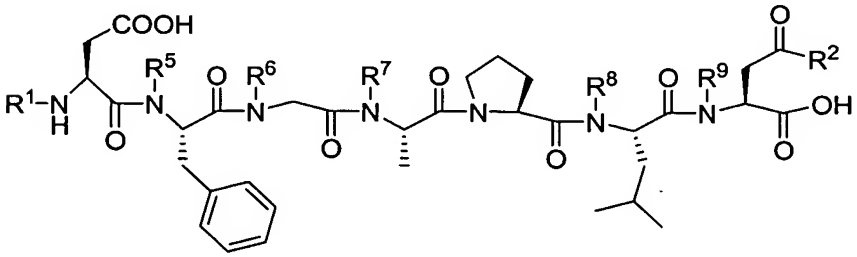


WO 01/34631 (Aponyx, Inc.)

(SEQ ID NO: 19)

Please amend the paragraph beginning at page 8, line 10, as follows:

In another embodiment, peptides of the invention are of following Formula II:



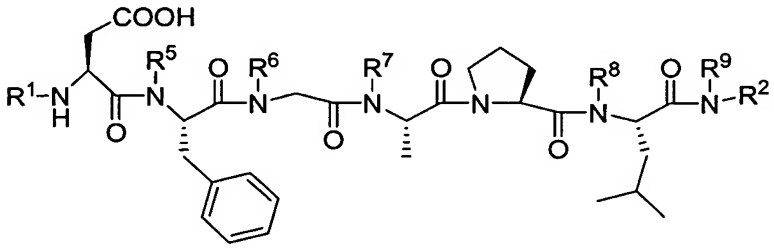
Formula II

SEQ ID NO: 1

wherein R^1 is selected from H, optionally substituted C_2-C_6 acyl and optionally substituted C_1-C_6 alkly, preferably H and acetyl; R^2 is selected from OH and NR^3R^4, wherein R^3 and R^4 are independently selected from H and optionally substituted C_1-C_6 alkyl, preferably R^2 is selected from OH and NH_2; R^5, R^6, R^7, R^8 and R^9 are independently selected from H and C_1-C_6 alkyl.

Please amend the paragraph beginning ate page 8, line 20, as follows:

In another embodiment, peptides of the invention are of following Formula III:



Formula III

SEQ ID NO: 2

wherein R^1 is selected from H, optionally substituted C_2-C_6 acyl and optionally substituted C_1-C_6 alkyl, preferably H and acetyl and R^2 is selected from OH and NR^3R^4, wherein R^3 and R^4 are independently selected from H and optionally substituted C_1-C_6 alkyl, preferably R^2 is selected from OH and NH_2; R^5, R^6, R^7 and R^8 are independently selected from H and C_1-C_6 alkyl

Please delete the original Sequence Listing.

Page 24 (Abstract), after the last line, beginning on a new page, please insert the attached substitute Sequence Listing.